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PATENT  
0508-1131

IN THE U.S. PATENT AND TRADEMARK OFFICE

10/529361  
JC17 Rec'd PCT/PTO 28 MAR 2005

In re application of /

Michel VAULTIER et al.

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed March 28, 2005

Examiner

COMPOSITIONS CONTAINING IONIC LIQUIDS AND THEIR USES, IN PARTICULAR  
IN ORGANIC SYNTHESIS

INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

March 28, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☒ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

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III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

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a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.


**FEES**

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

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EJ/lmt

Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☒ Foreign Search Report  
☐ Other: \_\_\_\_\_

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Attorney Docket No.: <b>0508-1131</b>	Application No.: <b>05/829361</b>
	Applicant: <b>Michel VAULTIER et al.</b>	
	Filing Date: <b>March 28, 2005</b>	Group Art Unit:

### U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)

### FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	FRAGA-DUBREUIL J. et al., "Grafted Ionic Liquid-Phase-Supported Synthesis of Small Organic Molecules", Tetrahedron Letters, Elsevier Science Publishers, Amsterdam, NL, Vol. 42, No. 35, 27 August 2001, pages 6097-6100, XP004298190
	DUBREUIL J.F. et al., "Rate Accelerations of 1, 3-dipolar cycloaddition Reactions in Ionic Liquids", Tetrahedron Letters, Elsevier Science Publishers, Amsterdam, NL, Vol. 41, No. 38, 16 Sept. 2000, Pages 7351-7355, XP004211923
	WASSERSCHIED P. et al., "Ionic Liquids New Solutions for Transition Metal Catalysis", Angewandante Chemie, International Edition, Verlag Chemie, Weinheim, Germany, Vol. 39, No. 21, 27 Oct. 2000, pages 3772, 3778, 3780-3787, XP002218385
	WELTON T. , "Room-Temperature Ionic Liquids. Solvents for Synthesis and Catalysis", Chemical Reviews, American Chemical Society, Easton, US, Vol. 99, 1999, pages 2071-2083, XP002162959

EXAMINER:	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience

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Y&T March 28, 2005